

# ***Status Report to FERC on July 31, 2002 Alliance Order***

(Docket No. EL0265-000)

**Richard A. Wodyka**

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- Progress made on PJM specific July 31<sup>st</sup> Order Conditions
- Key Event Timeline
- Update on the PJM-MISO Reliability Seams Issues
- Update on Advanced Technology Initiatives



## ***Condition #2***

**“National Grid participates in both MISO as GridAmerica and in PJM, and performs the same functions pursuant to the same requirements in both for Day One operations”**

## ***Condition #4***

**“The Agreement to form an ITC between National Grid, AEP, ComEd, DP&L and PJM be filed within 30 days of the date of this order”**

- October 2002 – American Electric Power and Commonwealth Edison announced their intent to continue their development of an ITC to be managed by National Grid
- Dayton P&L has decided not to join an ITC at this time.
- AEP, ComEd, and National Grid are still working on their business case for an ITC.

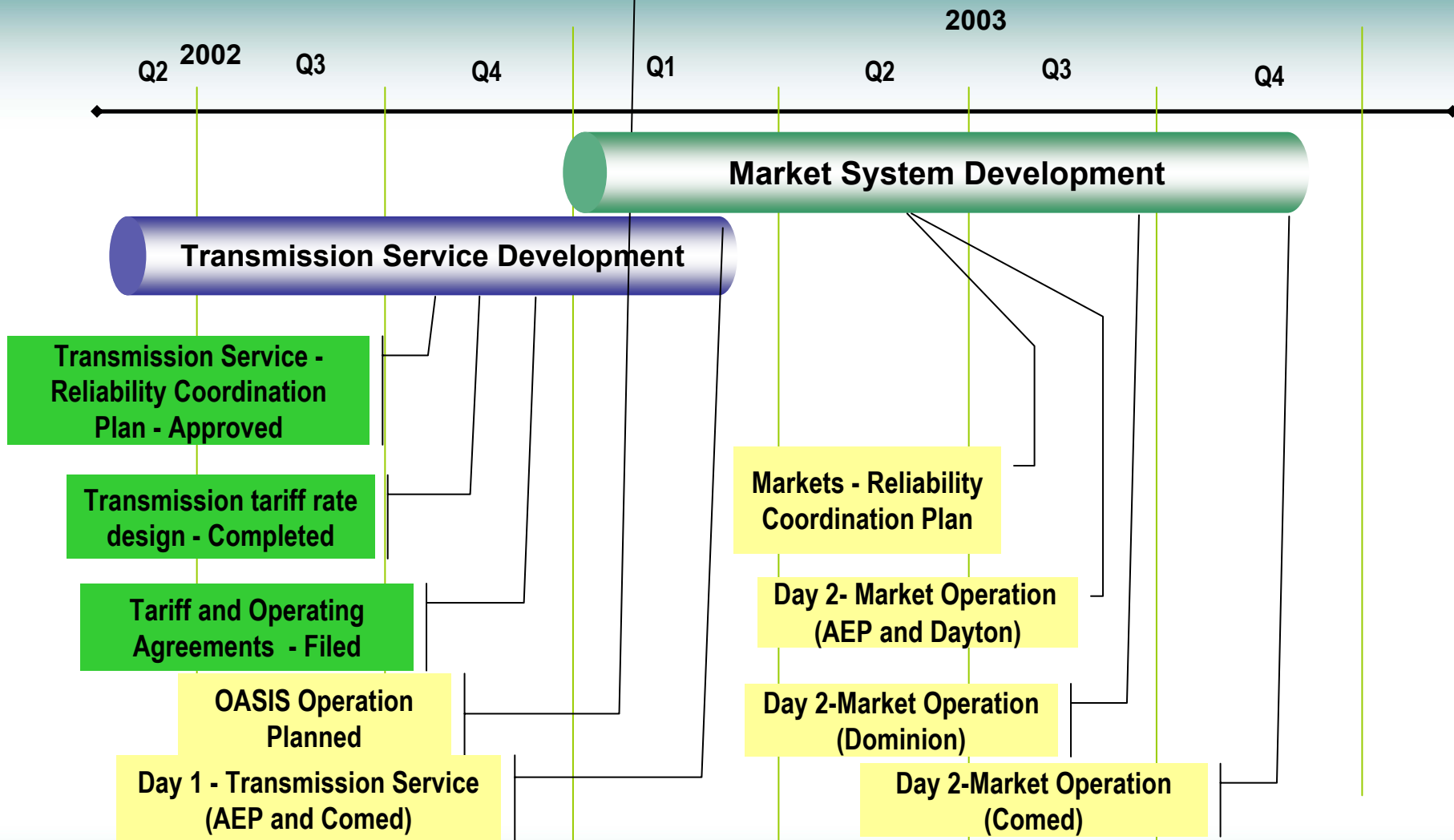


## **Condition #3**

**“The PJM ITC MOU must satisfy the delegation of functions as provided for in the April 2002 Order and the TRANSLink Order”**

- On January 10<sup>th</sup>, PJM filed Tariff standard terms and conditions and the standard division of rights, responsibilities, and functions for any ITC to operate in PJM.
- Also filed a pro forma ITC Agreement to be utilized by any forming ITC in PJM
- Compliant with the directions established in the TRANSLink Order.







<b>Congestion – Transmission Allocation</b>	<b>Proposal/Options Stakeholder Process</b>
<b>ATC / AFC Coordination</b>	<b>Plan Developed – Need Comments</b>
<b>Contract Tie Capacity</b>	<b>Solution being developed</b>
<b>Definitions &amp; Procedures</b>	<b>Initial Drills Completed and Issues Identified</b>
<b>Voltage Operating Procedures</b>	<b>Agreed Upon Procedure</b>
<b>Outage Maintenance Coordination</b>	<b>Agreed Upon Procedure</b>
<b>Access / Expansion Planning</b>	<b>Issues Identified</b>



- **MISO and PJM are continuing to receive and integrate stakeholder input**
- **Completing conceptual design of various technical solutions**
- **Aggressive timeline for NERC and Regional endorsements and related technical work.**
- **Need to address equity issues of both RTO's stakeholders**



## **July 31<sup>st</sup> Order - Optimize the use of technology or introduce new technology that enhances ability to monitor and manage the grid and expedite the development of a common market.**

- Implementing an Automated Available Flowgate Capability (AFC) Engine
- Proposing use of real-time telemetry and state estimation to replace static modeling with current NERC Interchange Distribution Calculator (IDC)
- Using Automatic display building program
- Leveraging the Common Information Model (CIM)
- Prototyped a parallel processing method for analyzing transmission system contingencies
- Developing Internet tools for emergency communications to state commissions, stakeholders, and neighboring systems



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